BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Construction of RCC drain at Kenchenahalli and Nagenahalli layout ISRO layout Harohalli and surrounding areas in chowdeshwari ward no -02 of yelahanka Sub division

JOB NUMBER.:						Go No-01	Est. Amount =	200.00	Lakhs
Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
1	Removing and resetting of footpath slab								
	KPWD S.R 2018-19	It. No.	21.7.			Pg.No.	158		
	RRS Cover Slab								
	Nagenahalli layout								
	Ch:00-135 Main Road to Connecting Doddaballapur Main road		2	30.00	0.90		54.00		
	Ch:00-60 Main Road R/s and L/s Road		2	15.00	0.90		27.00		
	Ch:00-60 Main Road R/s and L/s Road	Sqm	2	15.00	0.90		27.00		
	Ch:00-30 Main Road L/s		2	6.00	0.90		10.80		
	Ch:00-30 Main Road L/s		2	6.00	0.90		10.80		
	ISRO layout								
	Ch:00- 340 1st Main Road Dead end road		2	140.00	0.90		252.00		
						Total Qty	**381.60**	**208.82**	**79,685.71**
2	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	KPWD S.R 2018-19	It. No.	19.10			Pg.No.	130		
	CC Drain								
	Nagenahalli layout								
	Ch:00-135 Main Road to Connecting Doddaballapur Main road		2	135.00	1.00	0.90	243.00		
	Ch:00-60 Main Road R/s and L/s Road		2	60.00	1.00	0.90	108.00		
	Ch:00-60 Main Road R/s and L/s Road		2	60.00	1.00	0.90	108.00		
	Ch:00-30 Main Road L/s		2	30.00	1.00	0.90	54.00		
	ISRO layout								
	Ch:00- 340 1st Main Road Dead end road		2	340.00	1.00	0.90	612.00		
	Ch:00-170 4th Main Road		1	170.00	1.00	0.90	153.00		
	Ch:00-170 5th Main Road		1	170.00	1.00	0.90	153.00		
	Ch:00-170 6th Main Road		1	170.00	1.00	0.90	153.00		
	New Kerb								
	Ch:00-135 Main Road to Connecting Doddaballapur Main road **(Nagenahalli layout)**		2	135.00	0.20	0.20	10.80		
	Ch:00- 340 1st Main Road Dead end road **(ISRO layout)**		2	340.00	0.20	0.20	27.20		
	New Culvert		3	7.30	1.50	1.10	66.33		
	Cross Road					**Total Qty**	**1688.33**	**211.79**	**3,57,568.03**
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.								
	KPWD S.R 2018-19	It. No.	4.20			Pg.No.	13		
	CC Drain								

Sl. No	Description of Work	Unit	No		Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Ch:00-30 Main Road L/s	Nos	6	2				12.00		
	ISRO layout									
	Ch:00- 340 1st Main Road Dead end road		68	2				136.00		
	Ch:00-170 4th Main Road		34	2				68.00		
	Ch:00-170 5th Main Road		34	2				68.00		
	Road Centra Line									
	Nagenahalli layout									
	Ch:00-135 Main Road to Connecting Doddaballapur Main road		27	1				27.00		
	Ch:00-60 Main Road R/s and L/s Road		12	1				12.00		
	Ch:00-60 Main Road R/s and L/s Road		12	1				12.00		
	Ch:00-30 Main Road L/s		6	1				6.00		
	ISRO layout									
	Ch:00- 340 1st Main Road Dead end road		68	1				68.00		
	Ch:00-170 4th Main Road		34	1				34.00		
	Ch:00-170 5th Main Road		34	1				34.00		
	Zebra Crossing									
	Ch:00-135 Main Road to Connecting Doddaballapur Main road (Nagenahalli layout)		2	6				12.00		
	Ch:00- 340 1st Main Road Dead end road (ISRO layout)		2	6.5				13.00		
							Total Qty	**604.00**	**357.22**	**2,15,760.88**
17	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 - DO III Dt 11.06.1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.										
	KPWD S.R 2018-19	It. No.	24.41.			Pg.No.	187			
	Edge lane	Nos	2		1.60		0.9	2.88		
	Road Both Side									
	Road Centre						**Total Qty**	**2.88**	**1963.12**	**5,653.79**
18	Direction and Place Identification Signs with size morethan 0.9 Size Board: Providing and erecting direction and place identification retro -reflectorised sign as per IRC:67 made of high i ntensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.									
	KPWD S.R 2018-19	It. No.	24.4.			Pg.No.	180			
	Cross Roads	Sqm	4		0.90		0.9	3.24		
							Total Qty	**3.24**	**7557.80**	**24,487.27**
									Total Constrution cost	**168,93,350.80**
									GST 12%	**20,27,202.10**
									Design Report,Proof Checking & PMC Amount	**4,00,000.00**
									Add KRIDL Charges 4%	**6,75,734.03**

Detailed Estimate

Construction of RCC drain at Kenchenahalli and Nagenahalli layout ISRO layout Harohalli and surrounding areas in chowdeshwari ward no -02 of yelahanka Sub division

Sl. No	Description of Work	Unit	No	Dimension			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
								Sub Total	199,96,286.93
								Miscellaneous & Rounding Off	3,713.07
								Grand Total	200,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential.

Consultant
For Sri Sai Consultants

Assistant Engineer
Ward no. 02
BBMP - Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP - Bangalore

Executive Engineer
Yelahanka Division
BBMP - Bangalore

Administrative Sanction for Rs. 200.00 lakhs
Two Crores only
is accorded under head P-3747
CM - Navanagarothana 110-village
granted (Annexure-07
Registered as CE/A ... Subject
to conditions cont... No.
No. EE/YNK/SD/2019-20 dt. 7/1/2019
Executive Engineer

Technical Sanction
Accorded For Rs 200 lakhs only
Head of A/C P 3747
CER NO 193 Dt. 28.11.2019
TA CE (YNK)